



United States
Department of
Agriculture

National
Agricultural
Statistics Service

Washington, D.C.
20250-2000

Dear Reader:

Each year, the U.S. Department of Agriculture's (USDA) National Agricultural Statistics Service (NASS) conducts hundreds of surveys and prepares reports covering the U.S. agricultural scene--production and supplies of food and fiber, prices paid and received by farmers, farm labor and wages, farm income and finances, chemical use, and many other aspects of the industry. The abundance of information produced has earned NASS the title "the fact finders of agriculture." This fourth edition of *Statistical Highlights of United States Agriculture, 1998/99*, brings together the most important economic and statistical information on agriculture in a single summary report.

The statistical data contained in this report were provided by NASS, the Economic Research Service, and the World Agricultural Outlook Board. We would like to thank all the contributors to this publication and especially recognize the thousands of farmers, ranchers, and businesses who voluntarily report the information on which most of these statistics are based.

We would also like to invite those who use this publication to make suggestions as to how it might be improved. Your comments on this report or other NASS issues can be sent directly to me at NASS, USDA, Room 4117 South Building, 1400 Independence Avenue, Washington, D.C. 20250-2000 or e-mail: dbay@nass.usda.gov. I look forward to hearing from you.

Sincerely,

DONALD M. BAY
Administrator



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National Agricultural Statistics Service

The National Agricultural Statistics Service (NASS) administers the United States Department of Agriculture's program for collecting and publishing timely national and state agricultural statistics. In 1862, the first Commissioner of the newly formed Department of Agriculture, Isaac Newton, established a goal to "collect, arrange, and publish statistical and other useful agricultural information." A year later, in July 1863, the Department's Division of Statistics issued the Nation's first official *Crop Production* report.

The structure of farming, ranching, and the agricultural industry has changed dramatically during the succeeding 130 years. The need for accurate, timely, and objective statistical information about the Nation's agriculture has become even more important as the country has moved from subsistence agriculture to a highly industrialized business that produces food and fiber for the world market.

The National Agricultural Statistics Service now publishes nearly 400 reports a year with official estimates covering over 120 crops and 45 livestock items. Each report is issued according to a published annual calendar of release dates. Strict security procedures ensure that no one gains premature access to the information. In addition, NASS has a strong tradition of cooperation with other federal agencies, state departments of agriculture, and universities to supplement the federal statistics program. The state-federal cooperative relationship, which began over 75 years ago, eliminates duplication and provides state input while maintaining consistency in surveys conducted across the U.S.

Data Sources and Estimation Procedures

The official estimates prepared by NASS are based on data obtained from farm and ranch operators, as well as from agribusinesses such as grain elevators, shippers, processors, and commercial storage firms. Scientifically designed sampling methods are used to determine the operations to be included in each survey. Operators are interviewed by professionally trained interviewers, either in person or by telephone.

In some instances operators will receive a questionnaire by mail with a postage-paid return envelope. Anyone not returning the form is usually telephoned; however, survey response is voluntary. Very stringent laws and procedures protect the confidentiality of each operator's response.

NASS maintains extensive lists of farm and ranch operations along with identifiers that indicate size and type of operation. NASS also maintains complete lists of grain storage facilities, commercial operations such as feedlots, cold storage facilities, and manufactured dairy processors. Nearly every report issued by NASS is based on survey sample data collected from farms or other agribusinesses selected from these lists.

NASS also maintains an area sampling frame. The area frame, which is essentially the entire land mass of the United States, ensures complete coverage of the U.S. farm population. The Area Frame Survey provides accurate estimates of crop acres and is the primary basis for the June Acreage report. The area frame is also used to measure the incompleteness of the list frame.

Sampling from the area frame is a multi-step process. First, all land in each state is classified into land use categories by the intensity of cultivation using a variety of map products, satellite imagery, and computer software packages. These land use classifications range from intensively cultivated land to marginally cultivated grazing land to urban areas. The land in each use category is then divided into segments ranging from about 1 square mile in cultivated areas to 0.1 square mile in urban areas. This allows intensively cultivated land segments to be selected with a greater frequency than those less intensively cultivated.

Nearly 12,000 area segments are selected nationwide for the large scale survey conducted each June. Using maps and aerial photos that show the exact site and boundaries of each sample segment, interviewers locate and interview every operator with land inside the segment boundaries. They obtain information on the crops planted in each field, livestock inventory, and quantities of grain in storage.

Administrative Data Sources

A considerable amount of data is also available from other organizations, both private and public. This administrative data is used to evaluate the accuracy of production estimates and to determine the final estimates. The information becomes available during the marketing year but often after the preliminary production estimates are determined. Some examples of administrative data follow.

Utilization data. Information about imports, exports, soybean crush, and industrial use are available from the Bureau of the Census. These data are used in a balance sheet that starts with carryover stocks from the previous year and the current production estimate, which measures total supply. At the end of the marketing year, when subtracting utilization data from the supplies at the beginning of the crop year, the result should correspond closely with the ending stocks. If there is a large unexplained difference between survey stocks and indicated stocks from the balance sheet, then the previous year acreage, yield, and production survey and stocks data are reviewed to determine if revisions should be made.

Slaughter statistics. NASS receives data through the Food Safety and Inspection Service about the number of animals inspected at slaughter operations. These data are used to monitor the accuracy of the livestock production statistics.

Price statistics. Extensive use is made of USDA's Agricultural Marketing Service market news data to

prepare the monthly average prices received from the sales of livestock species. Also, Bureau of Labor price indices are used to measure the relative changes in prices paid for production input items.

Summary

NASS is a world leader in the use of statistical methodology to produce statistics about agriculture. NASS statisticians provide consultative services to a large number of developing countries around the world, helping them develop statistical information about their agriculture. NASS has also been a leader in making information available through electronic media. Globalization of markets is expanding as buyers and sellers have nearly instant access to market information from around the world.

The 1997 U.S. Census of Agriculture is now available. February 1, 1999, NASS released national, state, and county data from the 1997 Census of Agriculture. The census of agriculture is conducted every 5 years and is the most complete accounting of U.S. agriculture and the only source of uniform, comprehensive data for every county in the nation.

This information is currently available on the Internet at www.usda.gov/nass/. To order a printed copy or a CD-ROM, call our subscription sales desk at 800-999-6779. For more detail on the census of agriculture information call 800-727-9540.

Electronic Dissemination of Data from NASS

Internet

NASS National and State reports, data, agricultural graphics, and Agency information are available on the Internet. From the NASS Home Page there are nine areas that can be accessed for more information. "Today's Reports" is one of the areas and is updated every day showing the reports released for that day. Reports are generally available within 5 minutes after release time.

The NASS Home Page address is:

<http://www.usda.gov/nass/>

Electronic Subscriptions

All of the NASS National reports are also available via an automated mailing list. You may subscribe to as many reports as you wish and they will be sent directly to your e-mail address within 3 hours of release, all at no charge.

For further information, send an e-mail to:

usda-reports@usda.mannlib.cornell.edu

and in the body of the message, type the word: list. Additional information is also available by selecting Publications from the NASS Home Page.

U.S. Farm Economics Summary

Farm Numbers Up Slightly

There were 2.19 million U.S. farms in 1998, up fractionally from 1997. The average farm size decreased to 435 acres. Land in farms declined slightly to 954 million acres. Farms with annual sales of over \$100,000 accounted for 16.3 percent of all farms and for 55.9 percent of land in farms, averaging 1,493 acres.

Real Estate Values Up 5.0 Percent

Average U.S. farm real estate values, including land and buildings, averaged \$974 per acre as of January 1, 1998, up 5.0 percent from a year earlier. The largest regional increase was in the Corn Belt, 7.5 percent, and the smallest was in the Northeast, 1.8 percent.

Cash Receipts Reach Record \$208.7 Billion

U.S. cash receipts from farm marketings reached a record \$208.7 billion in 1997, up 4.6 percent from 1996. Crop cash receipts, at \$112.1 billion, were up 5.2 percent while livestock receipts, at \$96.6 billion, were up 3.8 percent. California led in cash receipts at \$25.3 billion, followed by Texas at \$13.5 billion, Iowa at \$12.8 billion, and Nebraska at \$10.1 billion.

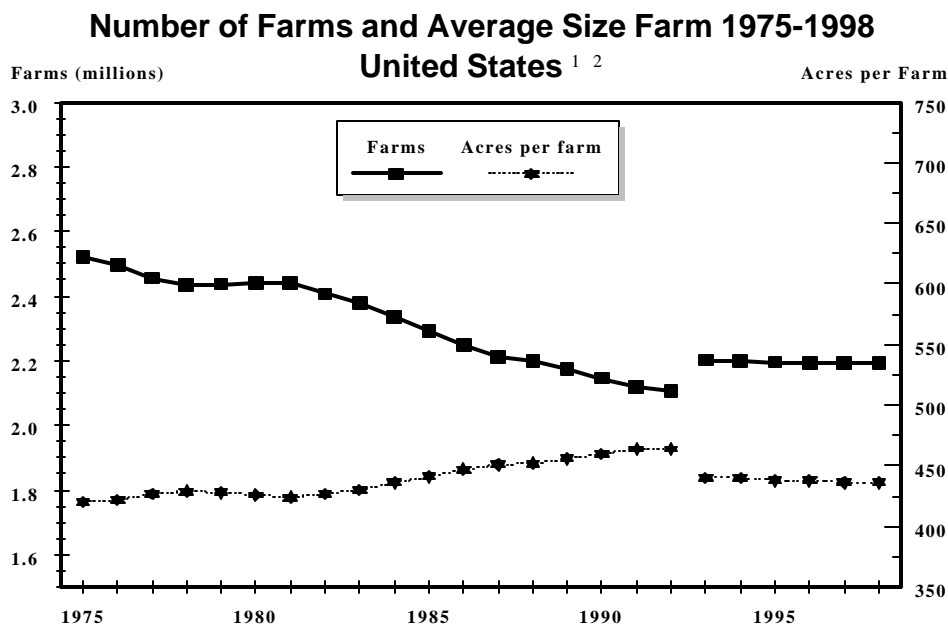
Prices Received Down and Prices Paid Down Slightly

Average prices received by farmers for all farm products in 1998 were down 5.6 percent, with crop prices down 7.8 percent, largely due to substantial declines grains and soybeans. Livestock prices overall were down from 1997 with meat animal price declines more than offsetting gains in dairy and poultry. Overall prices paid by farmers in 1998 were down 1.7 percent. Prices paid by crop farmers rose 0.8 percent, but prices paid by livestock farmers decreased 3.4 percent.

Ranchers in the 17 Western States paid monthly fees for grazing livestock on private non-irrigated grazing lands averaging \$11.40 per animal unit month, up 3.6 percent from 1997. Overall farm production expenditures rose 3.5 percent in 1997. U.S. annual average all hired wage rate rose to \$7.47 per hour in 1998, up from \$7.35 in 1997.

Soybean, Wheat, and Cotton Exports Up

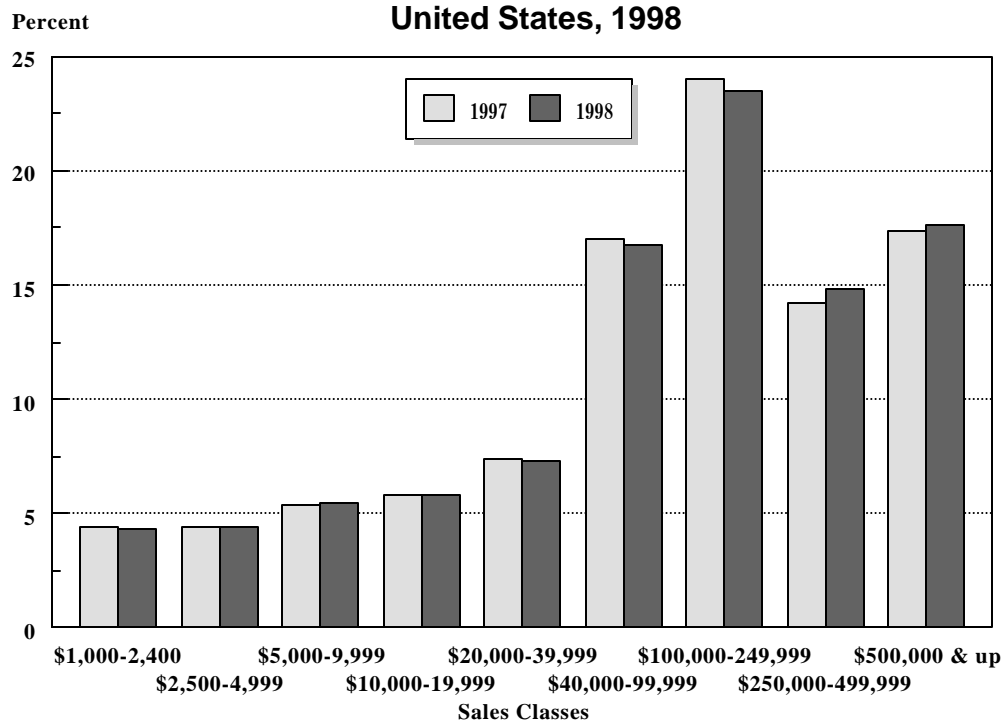
Corn exports for the 1998 crop are expected to be up 20 percent but rice down 1.4 percent. Cotton exports for crop year 1999 are expected to be down 44 percent, soybeans down 10 percent and wheat up 1.0 percent. Red meat exports for calendar year 1999 are expected to be up 9.2 percent, but poultry exports are expected to be down 4.6 percent.



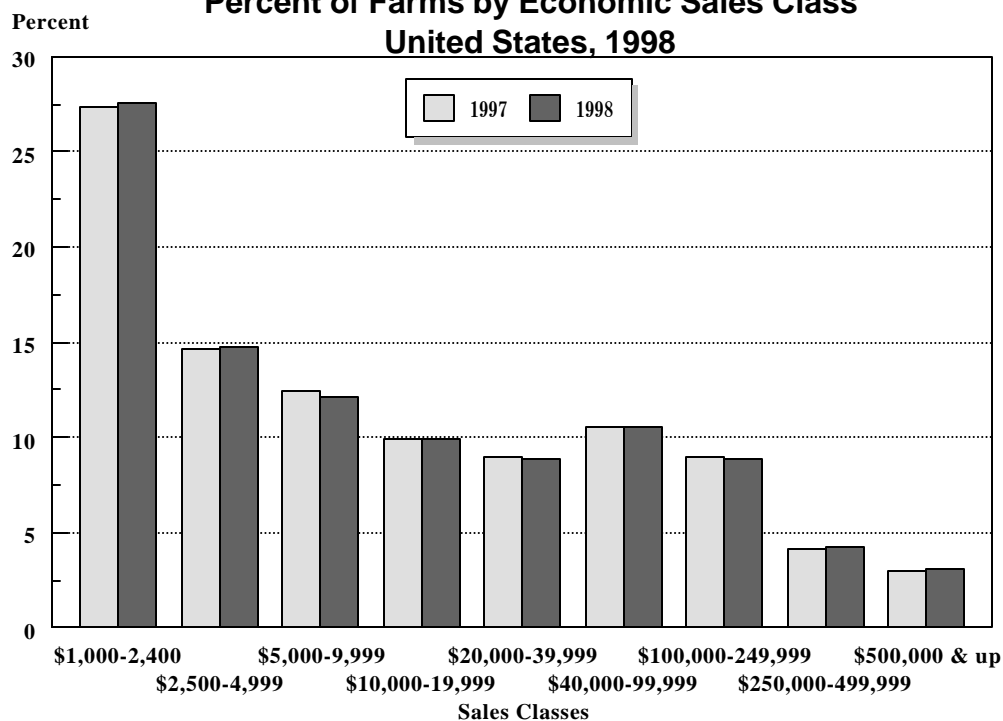
1/ Farm definition changed beginning in 1993 to include equine, maple syrup, and short rotation woody crop farms.

2/ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

**Percent of Land in Farms by Economic Sales Class
United States, 1998**



**Percent of Farms by Economic Sales Class
United States, 1998**

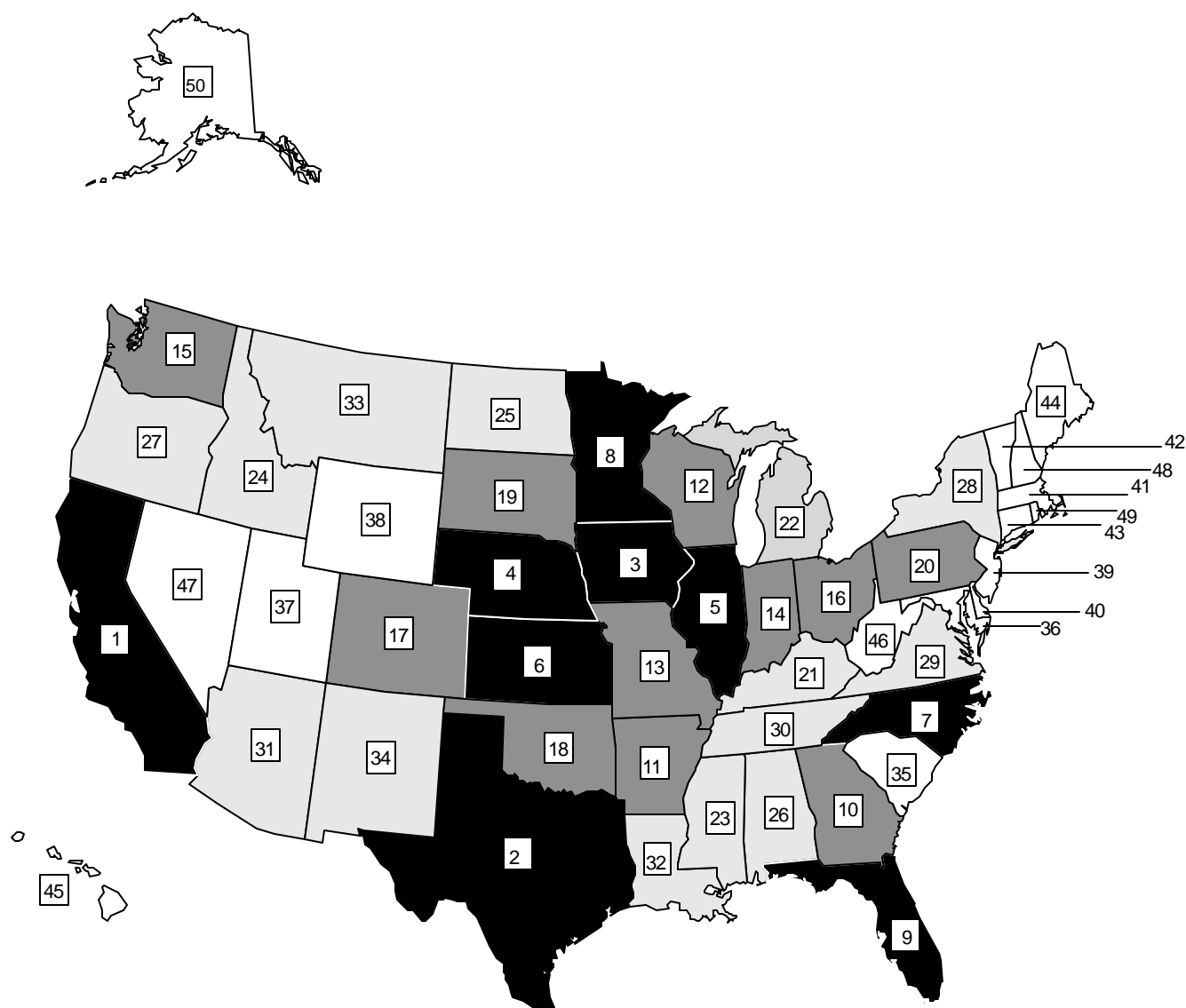


Cash Receipts: State Rankings, 1997

State	Total Cash Receipts		Livestock and Products		Crops	
	Rank	Cash Receipts	Rank	Cash Receipts	Rank	Cash Receipts
		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>
Alabama	26	3,227	15	2,431	34	796
Alaska	50	32	50	6	50	26
Arizona	31	2,145	32	888	29	1,257
Arkansas	11	5,862	10	3,416	15	2,446
California	1	25,289	2	6,294	1	18,995
Colorado	17	4,399	12	3,012	25	1,388
Connecticut	43	496	43	218	40	279
Delaware	40	748	39	573	44	174
Florida	9	6,243	28	1,265	5	4,978
Georgia	10	5,887	9	3,442	16	2,445
Hawaii	45	483	48	68	39	415
Idaho	24	3,315	25	1,389	20	1,926
Illinois	5	9,276	18	1,937	2	7,339
Indiana	14	5,506	19	1,896	10	3,610
Iowa	3	12,841	4	5,530	3	7,311
Kansas	6	9,001	5	5,017	8	3,985
Kentucky	21	3,633	17	1,978	22	1,655
Louisiana	32	2,140	36	659	23	1,481
Maine	44	486	42	258	42	228
Maryland	36	1,538	31	915	35	623
Massachusetts	41	532	46	102	38	430
Michigan	22	3,588	27	1,352	19	2,236
Minnesota	8	8,155	8	4,054	7	4,101
Mississippi	23	3,476	16	2,006	24	1,470
Missouri	13	5,564	13	2,795	13	2,768
Montana	33	2,063	30	991	30	1,072
Nebraska	4	10,092	3	5,542	6	4,550
Nevada	47	310	44	180	45	130
New Hampshire	48	166	47	69	47	97
New Jersey	39	776	45	180	36	596
New Mexico	34	1,915	26	1,354	37	562
New York	28	2,896	21	1,859	31	1,037
North Carolina	7	8,302	6	4,694	11	3,608
North Dakota	25	3,313	38	611	14	2,702
Ohio	16	5,345	20	1,869	12	3,476
Oklahoma	18	4,369	11	3,061	27	1,308
Oregon	27	3,113	34	740	18	2,373
Pennsylvania	20	4,128	14	2,789	26	1,339
Rhode Island	49	83	49	9	48	74
South Carolina	35	1,695	33	797	32	898
South Dakota	19	4,237	22	1,820	17	2,417
Tennessee	30	2,292	29	1,005	28	1,287
Texas	2	13,461	1	8,184	4	5,277
Utah	37	953	35	715	41	238
Vermont	42	513	40	416	46	97
Virginia	29	2,401	24	1,538	33	863
Washington	15	5,382	23	1,604	9	3,778
West Virginia	46	394	41	324	49	71
Wisconsin	12	5,756	7	4,070	21	1,686
Wyoming	38	845	37	646	43	199

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States Ranked by 1997 Cash Receipts



The top 9 states comprise 50 percent of total cash receipts:
CA, FL, IL, IA, KS, MN, NC, NE, TX

The next 11 states comprise 25 percent:
AR, CO, GA, IN, MO, OH, OK, PA, SD, VA, WI

The next 14 states comprise 20 percent:
AL, AZ, ID, KY, LA, MI, MS, MT, ND, NM, NY, OR, TN, VA

The remaining 16 states comprise 5 percent:
AK, CT, DE, HI, MA, MD, ME, NH, NJ, NV, RI, SC, UT, VT, WV, WY

Cash Receipts: Top 5 Commodities in Each State, 1997

Rank	Alabama		Alaska		Arizona		Arkansas		California	
	Commodity	Cash Receipts	Commodity	Cash Receipts	Commodity	Cash Receipts	Commodity	Cash Receipts	Commodity	Cash Receipts
	million dollars		million dollars		million dollars		million dollars		million dollars	
1	Broilers	1,653	Greenhse/nursery	19	Cattle and calves	435	Broilers	2,096	Dairy products	3,618
2	Cattle and calves	353	Dairy products	3	Dairy products	345	Soybean	787	Grapes	2,816
3	Cotton	228	Hay	2	Lettuce	303	Rice	717	Greenhse/nursery	2,346
4	Chicken eggs	221	Potatoes	2	Cotton	294	Cotton	562	Cattle and calves	1,323
5	Greenhse/nursery	201	Cattle and calves	1	Cantaloups	100	Cattle and	389	Lettuce	1,251
	Colorado		Connecticut		Delaware		Florida		Georgia	
1	Cattle and calves	2,286	Greenhse/nursery	128	Broilers	530		1,134	Broilers	2,277
2	Wheat	347	Dairy products	76	Soybean	43	Oranges	1,128	Cotton	709
3	Corn	309	Aquaculture	61	Greenhse/nirsery	28	Tomatoes	610	Peanuts	363
4	Dairy products	223	Chicken eggs	46	Corn	23	Cane for Sugar	433	Chicken eggs	359
5	Hogs	202	Cattle and calves	14	Dairy products	21	Dairy Products	408	Cattle and calves	349
	Hawaii		Idaho		Illinois		Indiana		Iowa	
1	Pineapples	92	Cattle and calves	656	Corn	3,524	Corn	1,600	Corn	3,777
2	Cane for Sugar	88	Dairy products	663	Soybean	3,107	Soybean	1,550	Soybean	3,293
3	Greenhse/nursery	69	Potatoes	526	Hogs	1,011	Hogs	805	Hogs	2,957
4	Macadamia nuts	44	Wheat	423	Cattle and calves	513	Chicken eggs	300	Cattle and calves	1,652
5	Dairy products	29	Hay	256	Dairy products	311	Dairy products	279	Dairy products	527
	Kansas		Kentucky		Louisiana		Maine		Maryland	
1	Cattle and calves	4,354	Tobacco	730	Cotton	328	Potatoes	100	Broilers	532
2	Wheat	1,503	Horses/mules	710	Cane for sugar	299	Dairy products	96	Greenhse/nursery	233
3	Corn	890	Cattle and calves	650	Rice	262	Chicken eggs	83	Dairy products	182
4	Sorghum grain	666	Soybean	324	Soybean	261	Aquaculture	50	Soybean	104
5	Soybean	628	Corn	298	Cattle and Calves	153	Blueberries	36	Cattle and Calves	63
	Massachusetts		Michigan		Minnesota		Mississippi		Missouri	
1	Cranberries	149	Dairy products	732	Soybean	1,511	Broilers	1,226	Soybean	1180
2	Greenhse/nursery	147	Greenhse/nursery	433	Corn	1,325	Cotton	625	Cattle and Calves	901
3	Dairy products	66	Corn	419	Dairy products	1,200	Soybean	400	Corn	781
4	Apples	16	Soybean	402	Hogs	1,169	Aquaculture	266	Hogs	779
5	Corn, sweet	13	Cattle and calves	218	Cattle and calves	973	Cattle and	196	Broilers	403
	Montana		Nebraska		Nevada		New Hampshire		New Jersey	
1	Cattle and	857	Cattle and calves	4,385	Cattle and calves	112	Dairy products	47	Greenhse/nursery	252
2	Wheat	699	Corn	2,643	Hay	73		42	Dairy products	41
3	Barley	141	Soybean	1,053	Dairy products	57	Apples	9	Cranberries	35
4	Hay	101	Hogs	833	Onions	13	Cattle and	6	Pepper, green	33
5	Sugar beets	59	Wheat	252	Potatoes	11	Christmas Trees	6	Blueberries	32
	New Mexico		New York		North Carolina		North Dakota		Ohio	
1	Cattle and calves	784	Dairy products	1,528	Hogs	2,017	Wheat	1,270	Soybean	1,360
2	Dairy products	526	Greenhse/nursery	266	Broilers	1,372	Cattle and	407	Corn	964
3	Hay	159	Apples	126	Tobacco	1,193	Sunflower	238	Dairy products	583
4	Peppers, chili	62	Cattle and calves	109	Greenhse/nursery	943	Soybean	212	Greenhse/nursery	525
5	Onions	43	Corn	91	Turkeys	528	Barley	211	Hogs	413
	Oklahoma		Oregon		Pennsylvania		Rhode Island		South Carolina	
1	Cattle and calves	2,009	Greenhse/nursery	469	Dairy products	1,526		52	Broilers	320
2	Wheat	523	Cattle and calves	362	Greenhse/nursery	363	Dairy products	5	Tobacco	213
3	Hogs	423	Hay	289	Cattle and calves	357	Corn, sweet	2	Greenhse/nursery	182
4	Broilers	326	Wheat	253	Chicken eggs	315	Potatoes	1	Cotton	149
5	Greenhse/nursery	264	Dairy products	218	Mushrooms,	259	Chicken eggs	1	Turkeys	144
	South Dakota		Tennessee		Texas		Utah		Vermont	
1	Cattle and	1,188	Cattle and calves	413	Cattle and calves	5,849	Cattle and	320	Dairy products	369
2	Corn	782	Soybean	275	Cotton	1,582	Dairy products	196	Cattle and calves	35
3	Soybean	756	Boilers	237	Greenhse/nursery	1,043	Hay	104	Greenhse/nursery	33
4	Wheat	402	Tobacco	228	Dairy Products	787	Hogs	42	Hay	15
5	Hogs	311	Dairy Products	223	Broilers	775		33	Christmas trees	12
	Virginia		Washington		West Virginia		Wisconsin		Wyoming	
1	Broilers	445	Apples	817	Broilers	139	Dairy products	2,948	Cattle and calves	546
2	Cattle and calves	345	Dairy products	728	Cattle and calves	72	Cattle and	614	Sugar beets	58
3	Dairy Products	258	Wheat	694	Dairy products	36	Corn	606	Hay	57
4	Tobacco	191	Cattle and calves	632	Turkeys	34	Soybean	240	Sheep and lambs	39
5	Turkeys	189	Potatoes	432	Chicken eggs	25	Hogs	194	Hogs	29

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Cash Receipts: Leading States for Top 25 Commodities, 1997

Rank	All Commodities		Livestock and Products		Crops		Vegetables		Fruits and Nuts	
	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts
		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>
	U.S. Total	208,665	U.S. Total	96,568	U.S. Total	112,097	U.S. Total	15,086	U.S. Total	12,790
1	California	25,289	Texas	8,184	California	18,995	California	6,113	California	7,491
2	Texas	13,461	California	6,294	Illinois	7,339	Florida	1,566	Florida	1,586
3	Iowa	12,841	Nebraska	5,542	Iowa	7,311	Washington	817	Washington	1,286
4	Nebraska	10,092	Iowa	5,530	Texas	5,277	Idaho	658	Oregon	321
5	Illinois	9,276	Kansas	5,017	Florida	4,978	Arizona	607	Michigan	243
6	Kansas	9,001	North Carolina	4,694	Nebraska	4,550	Georgia	476	Hawaii	193
7	North Carolina	8,302	Wisconsin	4,070	Minnesota	4,101	Michigan	387	New York	190
8	Minnesota	8,155	Minnesota	4,054	Kansas	3,985	Oregon	372	Massachusetts	174
9	Florida	6,243	Georgia	3,442	Washington	3,778	Wisconsin	368	Wisconsin	170
10	Georgia	5,887	Arkansas	3,416	Indiana	3,610	Texas	344	Georgia	142
	#1: Cattle and Calves		#2: Dairy Products		#3: Corn		#4: Soybeans		#5: Broilers	
	U.S. Total	36,094	U.S. Total	20,989	U.S. Total	20,456	U.S. Total	18,321	U.S. Total	14,152
1	Texas	5,849	California	3,618	Iowa	3,777	Iowa	3,293	Georgia	2,277
2	Nebraska	4,385	Wisconsin	2,948	Illinois	3,524	Illinois	3,107	Arkansas	2,096
3	Kansas	4,354	New York	1,528	Nebraska	2,643	Indiana	1,550	Alabama	1,653
4	Colorado	2,286	Pennsylvania	1,526	Indiana	1,600	Minnesota	1,511	North Carolina	1,372
5	Oklahoma	2,009	Minnesota	1,200	Minnesota	1,325	Ohio	1,360	Mississippi	1,226
6	Iowa	1,652	Texas	787	Ohio	964	Missouri	1,180	Texas	775
7	California	1,323	Michigan	732	Kansas	890	Nebraska	1,053	Maryland	532
8	South Dakota	1,188	Washington	728	South Dakota	782	Arkansas	787	Delaware	530
9	Minnesota	973	Idaho	634	Missouri	781	South Dakota	756	California	472
10	Missouri	901	Ohio	583	Texas	658	Kansas	628	Virginia	445
	#6: Hogs		#7: Greenhouse/nursey		#8: Wheat		#9: Cotton		#10: Hay	
	U.S. Total	13,197	U.S. Total	11,431	U.S. Total	8,926	U.S. Total	6,515	U.S. Total	4,633
1	Iowa	2,957	California	2,346	Kansas	1,503	Texas	1,582	California	679
2	North Carolina	2,017	Florida	1,134	North Dakota	1,270	California	1,097	Oregon	289
3	Minnesota	1,169	Texas	1,043	Montana	699	Georgia	709	Washington	258
4	Illinois	1,011	North Carolina	943	Washington	694	Mississippi	625	Idaho	256
5	Nebraska	833	Ohio	525	Oklahoma	523	Arkansas	562	Texas	230
6	Indiana	805	Oregon	469	Idaho	423	North Carolina	329	South Dakota	224
7	Missouri	779	Michigan	433	South Dakota	402	Louisiana	328	Kansas	198
8	Oklahoma	423	Pennsylvania	363	Texas	362	Arizona	294	Colorado	187
9	Ohio	413	Georgia	306	Minnesota	317	Alabama	228	Nebraska	163
10	Kansas	410	New York	266	Colorado	309	Tennessee	223	New Mexico	159

—continued

Economics

Cash Receipts: Leading States for Top 25 Commodities, 1997 (continued)

Rank	#11: Chicken Eggs		#12: Grapes		#13: Tobacco		#14: Turkeys		#15: Potatoes	
	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts
		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>
	U.S. Total	4,531	U.S. Total	3,053	U.S. Total	2,886	U.S. Total	2,880	U.S. Total	2,259
1	Georgia	359	California	2,816	North Carolina	1,193	North Carolina	528	Idaho	526
2	Ohio	357	Washington	124	Kentucky	730	Minnesota	400	Washington	432
3	California	345	New York	37	Tennessee	228	Missouri	236	California	152
4	Pennsylvania	315	Oregon	21	South Carolina	213	Arkansas	215	Wisconsin	139
5	Indiana	300	Michigan	15	Virginia	191	California	202	Oregon	128
6	Arkansas	276	Pennsylvania	14	Georgia	158	Virginia	189	North Dakota	113
7	Texas	268	Arizona	14	Florida	32	Indiana	144	Maine	100
8	Iowa	242	Arkansas	4	Ohio	29	South Carolina	144	Minnesota	99
9	Alabama	221	Georgia	3	Indiana	26	Pennsylvania	97	Michigan	80
10	North Carolina	203	Ohio	2	Pennsylvania	25	Iowa	81	Florida	80
	#16: Tomatoes		#17: Oranges		#18: Rice		#19: Sorghum Grain		#20: Lettuce	
	U.S. Total	1,852	U.S. Total	1,717	U.S. Total	1,657	U.S. Total	1,619	U.S. Total	1,608
1	California	870	Florida	1,128	Arkansas	717	Kansas	666	California	1,251
2	Florida	610	California	580	California	319	Texas	450	Arizona	303
3	Georgia	58	Arizona	5	Louisiana	262	Nebraska	204	New Jersey	14
4	Ohio	48	Texas	3	Texas	168	Missouri	86	New Mexico	13
5	Virginia	44	—	—	Mississippi	137	Oklahoma	60	Colorado	10
6	New Jersey	28	—	—	Missouri	54	Arkansas	29	Ohio	6
7	Indiana	24	—	—	—	—	Illinois	28	Florida	6
8	South Carolina	23	—	—	—	—	New Mexico	21	New York	3
9	Texas	22	—	—	—	—	South Dakota	20	Washington	3
10	Tennessee	21	—	—	—	—	Louisiana	19	—	—
	#21: Apples		#22: Sugarbeets		#23: Almonds		#24: Peanuts		#25: Strawberries	
	U.S. Total	1,527	U.S. Total	1,349	U.S. Total	1,127	U.S. Total	932	U.S. Total	908
1	Washington	817	Minnesota	389	California	1,127	Georgia	363	California	686
2	California	167	Idaho	239	—	—	Texas	193	Florida	146
3	New York	126	North Dakota	194	—	—	Alabama	102	Oregon	20
4	Michigan	92	California	128	—	—	North Carolina	88	North Carolina	13
5	Pennsylvania	53	Michigan	126	—	—	Virginia	55	New York	10
6	Virginia	29	Montana	59	—	—	Oklahoma	54	Michigan	7
7	Idaho	18	Wyoming	58	—	—	Florida	54	Wisconsin	6
8	North Carolina	17	Colorado	54	—	—	New Mexico	14	Pennsylvania	5
9	Oregon	16	Nebraska	45	—	—	South Carolina	9	Washington	5
10	Massachusetts	16	Washington	25	—	—	—	—	Louisiana	4

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Cash Receipts: U.S. Farm Cash Receipts, 1993-97

Category	1993	1994	1995	1996	1997
	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Farm Marketings and CCC Loans, Total ¹	177,662	181,241	188,108	199,580	208,665
Livestock and Products, Total	90,180	88,169	87,018	93,005	96,568
Meat Animals	50,824	46,785	44,828	44,414	49,925
Dairy Products	19,243	19,935	19,894	22,820	20,989
Poultry and Eggs	17,326	18,445	19,070	22,345	22,183
Other	2,788	3,004	3,227	3,425	3,471
Crops, Total	87,582	93,072	101,090	106,575	112,097
Feed Crops	20,211	20,351	24,581	27,265	27,638
Oil-bearing Crops	13,220	14,657	15,496	16,362	19,911
Vegetables and Melons	13,537	13,893	14,913	14,561	15,086
Fruits and Tree Nuts	10,284	10,335	11,119	11,933	12,790
Food Grains	8,180	9,545	10,417	10,741	10,603
Cotton (lint and seed)	5,250	6,738	6,851	6,983	6,515
Tobacco	2,948	2,656	2,548	2,796	2,886
Other	13,953	14,897	15,165	15,935	16,668
Government Payments	13,402	7,879	7,253	7,281	7,460
Total U.S. Farm Cash Receipts	191,052	189,120	195,361	206,861	216,125

¹ Includes receipts from commodities placed under nonrecourse CCC loans and gains realized on redemptions during the period. ERS, Roger Strickland, (202) 694-5592

U.S. Agricultural Exports

Year	Crops (crop year)						Livestock (calendar year)			
							Red Meat		Poultry	
	Corn	Wheat	Soybeans	Rice	Tobacco	Cotton	Beef	Pork	Broilers	Turkeys
	<i>million bushels</i>	<i>million bushels</i>	<i>million bushels</i>	<i>million cwt</i>	<i>million pounds</i>	<i>(000) bales</i>	<i>million pounds</i>	<i>million pounds</i>	<i>million pounds</i>	<i>million pounds</i>
1992	1,663	1,354	770	77	574	5,200	1,324	420	1,489	202
1993	1,328	1,228	589	75	458	6,860	1,275	446	1,966	244
1994	2,177	1,188	838	99	434	9,400	1,611	549	2,876	280
1995	2,228	1,241	851	83	462	7,680	1,821	787	3,894	348
1996	1,795	1,001	882	78	485	6,870	1,877	970	4,420	438
1997	1,504	1,040	870	85	484	7,500	2,136	1,044	4,664	598
1998	1,700	1,100	830	87	464	4,300	2,158	1,232	4,516	438
1999 ¹							2,340	1,355	4,425	430

¹ Forecast. NASS, WAOB, & ERS (Information Hotline 1-800-727-9540)

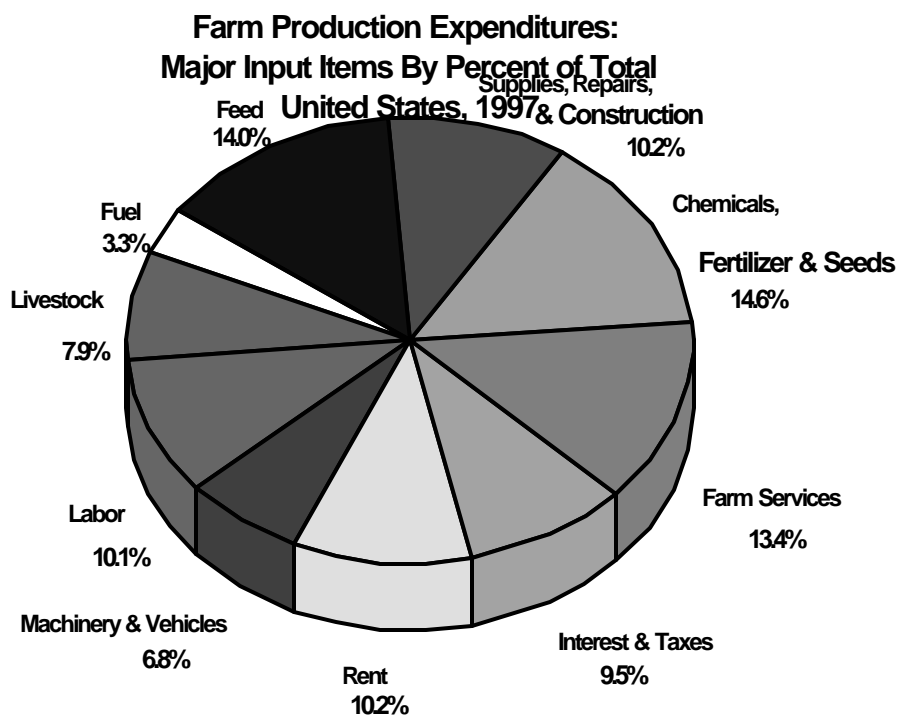
Farm Real Estate: Average Value Per Acre, by Region and State, January 1, 1994-98

Region and State	Average Value per Acre as of January 1				
	1994	1995	1996	1997	1998
	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Northeast	2,160	2,200	2,220	2,240	2,280
Connecticut	5,950	5,950	5,950	5,950	5,950
Delaware	2,350	2,440	2,550	2,580	2,660
Maine	1,130	1,130	1,150	1,170	1,190
Maryland	3,050	3,100	3,110	3,150	3,180
Massachusetts	5,020	5,060	5,100	5,150	5,210
New Hampshire	2,250	2,250	2,250	2,250	2,250
New Jersey	6,950	7,000	7,100	7,100	7,000
New York	1,260	1,280	1,260	1,250	1,280
Pennsylvania	2,150	2,200	2,270	2,300	2,390
Rhode Island	6,400	6,500	6,500	6,500	6,500
Vermont	1,400	1,450	1,490	1,500	1,520
Lake States	985	1,050	1,130	1,200	1,280
Michigan	1,210	1,330	1,420	1,530	1,670
Minnesota	914	950	1,030	1,090	1,160
Wisconsin	968	1,040	1,130	1,170	1,240
Corn Belt	1,320	1,430	1,510	1,610	1,730
Illinois	1,670	1,820	1,900	1,980	2,130
Indiana	1,500	1,620	1,740	1,870	2,060
Iowa	1,280	1,350	1,450	1,600	1,700
Missouri	825	880	950	1,010	1,070
Ohio	1,560	1,750	1,820	1,890	2,040
Northern Plains	428	453	463	481	499
Kansas	503	535	553	565	577
Nebraska	550	580	610	620	645
North Dakota	353	373	383	390	401
South Dakota	286	302	310	325	348
Appalachia	1,320	1,430	1,550	1,630	1,720
Kentucky	1,140	1,250	1,300	1,350	1,450
North Carolina	1,610	1,750	1,900	2,000	2,080
Tennessee	1,250	1,340	1,530	1,650	1,810
Virginia	1,590	1,720	1,840	1,880	1,920
West Virginia	869	920	980	1,050	1,090
Southeast	1,410	1,520	1,580	1,630	1,700
Alabama	1,120	1,260	1,320	1,360	1,440
Florida	2,060	2,110	2,150	2,200	2,240
Georgia	1,150	1,260	1,360	1,430	1,510
South Carolina	1,200	1,340	1,360	1,400	1,480
Delta States	913	973	1,020	1,070	1,130
Arkansas	927	983	1,010	1,070	1,150
Louisiana	1,000	1,080	1,180	1,190	1,210
Mississippi	836	886	917	980	1,050
Southern Plains	515	529	541	557	596
Oklahoma	517	547	547	570	610
Texas	515	525	540	554	593
Mountain	338	362	383	399	415
Arizona	810	840	880	920	987
Colorado	479	520	558	590	618
Idaho	780	840	900	960	1,020
Montana	254	277	289	291	294
Nevada	268	289	332	366	392
New Mexico	198	209	212	215	217
Utah	690	710	740	780	807
Wyoming	180	192	206	215	222
Pacific	1,510	1,540	1,670	1,730	1,780
California	2,210	2,220	2,400	2,500	2,610
Oregon	747	844	928	960	960
Washington	1,020	1,070	1,120	1,160	1,190
48 States	798	844	887	926	974

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Farm Production Expenses
Major Input Items, Total, United States, 1993-97

Expenditure - Farm Share	1993	1994	1995	1996	1997
	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Total Farm Production Expenditures	155,160	160,670	167,800	174,950	181,090
Livestock, Poultry & Related Expenses	16,200	15,200	15,000	12,800	14,200
Feed	21,400	22,600	23,800	25,200	25,200
Farm Services	21,020	23,000	23,800	23,500	24,210
Rent	14,780	15,400	16,000	18,300	18,470
Agricultural Chemicals	6,700	7,200	7,700	8,500	8,800
Fertilizer, Lime & Soil Conditioners	8,370	9,150	10,000	10,900	10,900
Interest	9,300	9,450	10,300	10,400	10,500
Taxes (Real Estate & Property)	5,930	6,200	6,400	6,500	6,650
Labor	14,700	15,000	16,000	17,100	18,300
Fuels	5,090	5,100	5,500	5,800	6,000
Farm Supplies & Repairs	10,120	10,800	11,500	11,800	12,300
Farm Improvements & Construction	5,650	5,400	5,200	5,900	6,100
Tractors and Self-Propelled Farm Machinery	4,440	4,610	4,750	5,000	5,400
Other Farm Machinery	3,610	3,360	3,100	3,350	3,410
Seeds & Plants	5,150	5,360	5,450	6,200	6,700
Trucks & Autos	2,500	2,560	2,800	3,300	3,500

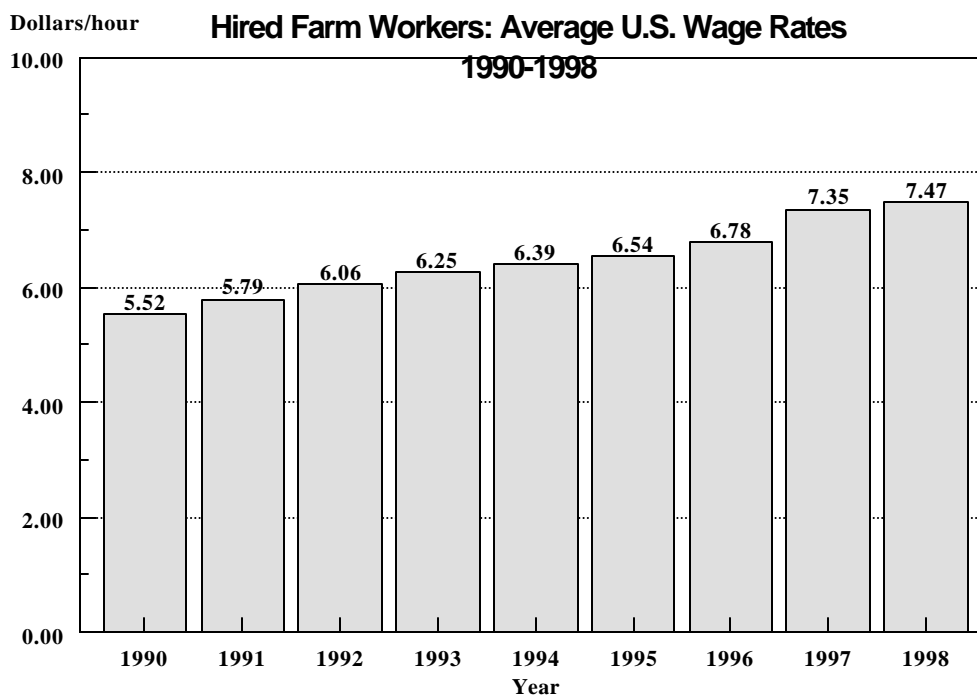


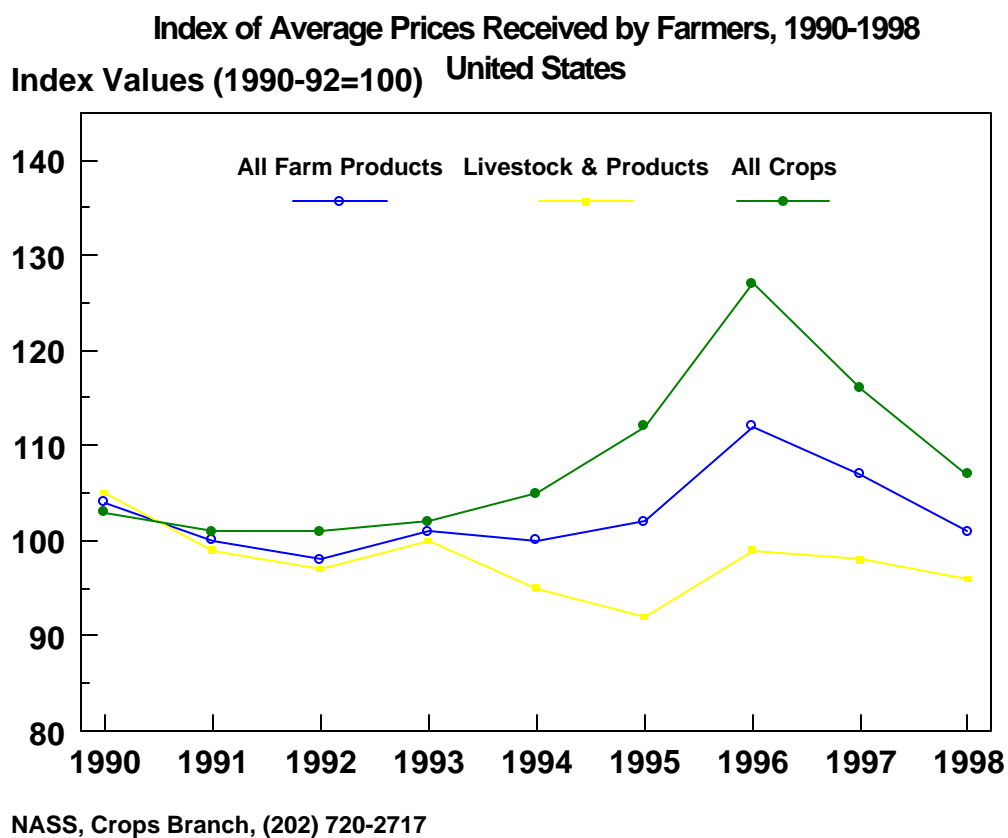
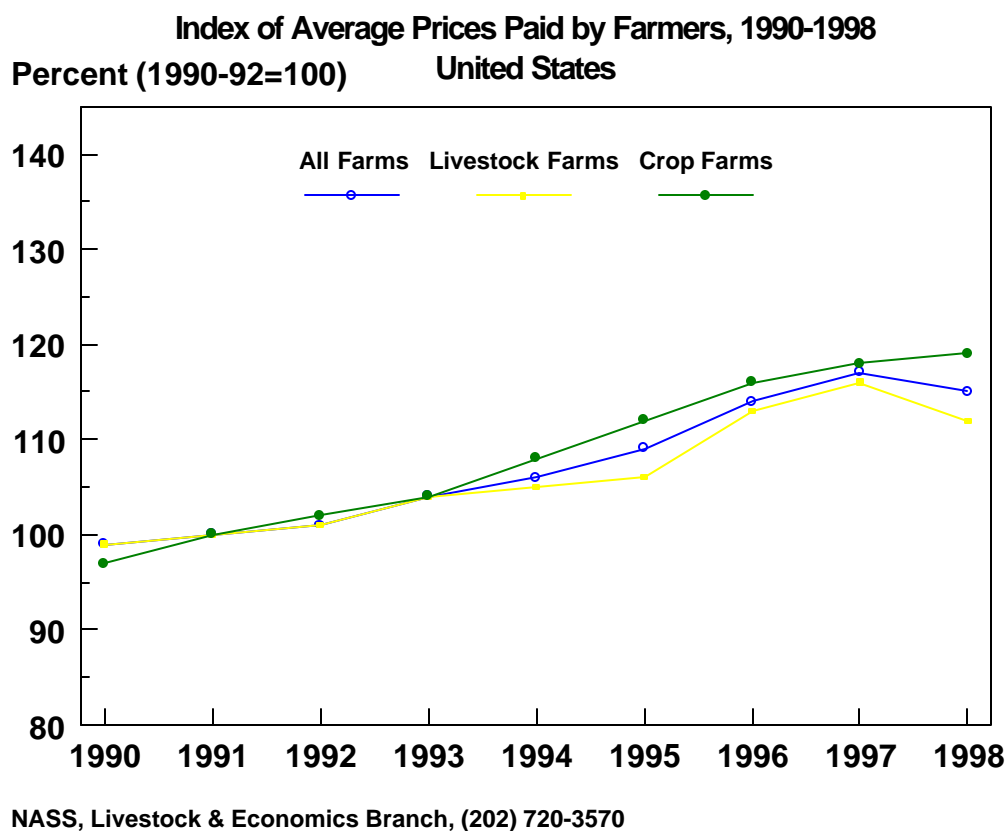
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Farm Workers, United States, 1994-98 ¹

Year	Average Annual Workers ²			Average Annual Wages		
	Self-emp	Unpaid	All Hired	All Hired	Field	Field & Lvstk
	<i>thousands</i>	<i>thousands</i>	<i>thousands</i>	<i>dollars per hour</i>	<i>dollars per hour</i>	<i>dollars per hour</i>
1994	---	---	---	6.39	6.02	5.95
1995	1,490.8	476.3	868.5	6.54	6.13	6.09
1996	1,533.0	477.0	832.0	6.78	6.34	6.33
1997	1,526.7	463.2	876.5	7.35	6.66	6.64
1998	1,486.1	460.5	879.5	7.47	6.97	6.98

¹ Excludes Alaska. ² Not published on annual basis before 1995. NASS, Livestock & Economics Branch, (202) 720-3570





Grazing Fees for Cattle, Selected States and Regions

State or Region	Average Monthly Rate by Payment Method ¹					
	Animal Unit ²		Cow-Calf		Per Head	
	1997	1998	1997	1998	1997	1998
	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Arizona	6.50	6.70	8.50	9.50	7.90	8.30
California	10.60	11.50	13.00	14.50	12.00	12.90
Colorado	11.30	11.80	13.60	13.90	10.60	11.50
Idaho	10.40	10.80	12.50	12.80	11.20	11.50
Kansas	10.50	12.90	12.80	14.80	9.80	11.90
Montana	12.30	12.60	13.90	14.30	13.20	13.30
Nebraska	18.80	19.00	22.20	23.00	18.50	19.00
Nevada	9.00	9.10	12.00	12.00	9.50	9.70
New Mexico	8.79	8.80	10.30	9.75	9.00	9.70
North Dakota	9.30	10.20	11.00	11.40	10.00	11.10
Oklahoma	8.00	9.00	8.70	9.50	7.50	8.00
Oregon	10.20	11.10	11.50	12.80	9.85	11.40
South Dakota	14.00	14.20	16.40	16.50	14.40	14.80
Texas	9.00	9.00	10.00	9.50	8.00	9.00
Utah	9.00	10.00	11.10	11.30	11.00	11.10
Washington	9.00	10.00	9.60	10.50	9.30	10.50
Wyoming	12.00	11.90	14.00	13.80	12.20	12.30
17 Western States	11.00	11.40	12.70	13.00	10.80	11.60
16 Western States (excl. TX)	11.70	12.30	13.70	14.30	11.80	12.50
11 Western States ³	10.70	11.10	12.60	13.00	11.30	11.80
9 High Plains States ⁴	11.00	11.50	12.80	13.00	10.60	11.40

¹ Averages based on January Agricultural Survey indications of monthly lease rates for private, non-irrigated grazing land. Rates over \$10.00 are rounded to the nearest dime. ² Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using 1 aum = cow-calf rate x 0.833. ³ Eleven Western States: AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY. ⁴ Nine High Plains States: CO, KS, NE, NM, ND, OK, SD, TX, WY.
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Meat Consumption

Year	Consumption per Capita, Retail Weight Basis						
	Broilers	Beef	Pork	Turkeys	Veal	Lamb and Mutton	Total ¹
	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>
1980	45.8	76.6	57.3	10.3	1.5	1.4	195.1
1985	51.0	79.2	51.9	11.6	1.9	1.5	199.2
1990	59.5	67.8	49.8	17.6	1.1	1.4	199.2
1991	62.1	66.8	50.4	17.9	1.0	1.4	201.5
1992	65.9	66.5	53.1	17.9	1.0	1.4	207.6
1993	68.5	65.1	52.3	17.7	0.9	1.3	207.7
1994	69.5	67.0	53.0	17.8	0.9	1.2	211.0
1995	68.8	67.4	52.4	17.9	1.0	1.2	210.2
1996	70.8	68.2	49.1	18.5	1.2	1.1	209.6
1997	72.7	66.9	48.7	17.6	1.0	1.1	208.6
1998	73.9	68.1	52.5	18.1	0.8	1.2	214.9
1999 ²	78.5	65.4	52.2	17.6	0.8	1.1	216.1

¹ Total includes other chicken. ² Forecast. World Agricultural Outlook Board, (202) 720-9805